PERMITTEE NAME/ADDRESS (Include Facility Name/Location If Different)

NAME

U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd Leavenworth, WA 98826

FACILITY

LOCATION Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

WA-000190-2
PERMIT NUMBER

DISCHARGE NUMBER

	MONITORING PERIOD												
	YEAR	МО	DAY		YEAR	МО	DAY						
FROM	11	12	1	то	11	12	31						
				-									



Form Approved. OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION	-		NO.	FREQUENCY	SAMPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	NITS	EX	OF ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	29	29	MCD								Tota
riow	PERMIT REQUIREMENT	N/A	N/A	MGD	N/A	N/A	N/A				Daily	1000
Suspended Solids	SAMPLE MEASUREMENT	<110	<110	V-/D								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A				1/Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		1L/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	1	111.71.		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1	<1	<1		16"			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	T "	1G/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT	, ,			<0.1	<0.1	<0.1					
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	^	1L/L		1/Week	Grab
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	prepared under my di	of law that this docum	n accordance with a	system				TE	LEPHONE		DA	TE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, or information, the informa- belief, true, accurate, ar	t qualified personnel pro Based on my inquiry or those persons directly ation submitted is, to the ad complete. I am aware	perly gather and evaluation or person or person or person responsible for gather the best of my knowled that there are significate.	pate the ns who ring the lige and ant	Alle	Jun		509	548-76	641	11	12 3
TYPED OR PRINTED	peneities for submitting imprisonment for knowi	false information, inclu- ng violations.	ding the possibility of fi	ne and		PRINCIPAL EXECU' AUTHDRIZED AGEN		AREA CODE	NUMB	ĒR	YEAR	MO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

SUSPENDED SETTLEABLE

			OOO! EN				SETTLEADEL	,				
	Oct `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
10/4/2011	WEEK 1										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	×1		<1		<0.1		<100	26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Wate⊭								8 X 80'S	8100
	UNDER BRIDGE DISCHARGE		<1								NURSERY	96
	PA POND DISCHARGE	1000ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
10/12/2011	WEEK 2										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		4.5			<0.1			26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	96
	PA POND DISCHARGE	1000 ml		1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
10/20/2011	WEEK 3										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		1.8			<0.1			26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	8100
	UNDER BRIDGE DISCHARGE									-	NURSERY	96
	PA POND DISCHARGE	1000 ml		1.2			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
10/25/2011	WEEK 4										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml					<0.1			26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	96
	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml										

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

AND WILDLIFE SERVICE

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FACILITY

LOCATION Leavenworth, WA

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WA-000190-2

PERMIT NUMBER

DISCHARGE NUMBER

		MONITORING PERIOD												
	YEAR	YEAR MO DAY YEAR MO DAY												
FROM	11	11	1	то	11	11	30							

NOTE: Read Instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO.	FREQUENCY	SAMPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
Fłow	SAMPLE MEASUREMENT	26.3	26.3	MGD							Total
Flow	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A	1		Daily	
Suspended Solids	SAMPLE MEASUREMENT	<100	<100	Kg/Day							
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Ng/Day	N/A	N/A	N/A			1/Month	Comp
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A			2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1	<1	<1	MG/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	- IVIG/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	NAL /1			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	ML/L		1/Week	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT							1			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docum						TELEPH	ONE	DA	ſΕ
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, o information, the inform	It qualified personnel pro Based on my inquiry If those persons directly ation submitted is, to the nd complete. I am awar	operly gather and evail of the person or perso responsible for gathe he best of my knowled	vate tha ns who ring the lge and	Alle	1		509 54	8-7641	11	11 30
TYPED OR PRINTED		faise information, Inclu				PRINCIPAL EXECU AUTHORIZED AGEN		AREA N	UMBER	YEAR	MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

Due to extreme cold temperatures, sample sites were unsafe to access (ice) on the second and fourth weeks of December, 2011.

4.			SUSPEI	NDED			SETTLEABLE					
	Dec `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
	WEEK 1										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml								29	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							*	8 X 80'S	8100
	UNDER BRIDGE DISCHARGE										NURSERY	1990
	PA POND DISCHARGE	1000ml									Trout Pond / FL'S	
											TOTAL GPM1	20170
12/14/2011	WEEK 2						Marie Say				ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1	<1		<0.1		<110	29	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000ml									NURSERY	1990
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	20170
12/20/2011	WEEK 3										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1			<0.1			29	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	_					<0.1				NURSERY	1990
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	20170
	WEEK 4										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml								29	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000 ml									NURSERY	1990
	PA POND DISCHARGE	1000 ml									Trout Pond / FL'S	0
											TOTAL GPM ¹	20170
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml										

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

 ${\tt PERMITTEE\ NAME/ADDRESS\ (Include\ Facility\ Name/Location\ if\ Different)}$

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FACILITY LOCATION

Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

	MONITORING PERIOD												
	YEAR	МО	DAY		YEAR	MO	DAY						
FROM	11	10	1	то -	11	10	31						

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO.	FREQUENCY	SAMPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	26.3	26.3	MCD							Tota
FIOW	PERMIT REQUIREMENT	N/A	N/A	MGD	N/A	N/A	N/A	1		Daily	
Suspended Solids	SAMPLE MEASUREMENT	<100	<100	Ka/Day	***************************************						
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A			1/Month	Comp
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	NA1 //			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	ML/L		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				1.0	1.1	1.2	145.41			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	MG/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1				
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	ML/L		1/Week	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT							1			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT							-			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docum						TELEPHON	ΙE	DAT	rE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, o information, the inform	at qualified personnel pro Based on my inquiry or those persons directly ation submitted is, to the nd complete. I am awar	operly gather and evalu of the person or person responsible for gathe he best of my knowled	uate the ins who ring the lige and	Alle			509 548-	7641	11	10 3
TYPED OR PRINTED		false information, inclu				PRINCIPAL EXECUTAUTHORIZED AGEN		REA NUM	BER	YEAR I	MO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

SUSPENDED

SETTLEABLE

	Nov `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
11/1/2011	WEEK 1										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	<1_		*1		<0.1		<100	26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water								8 X 80'S	8100
	UNDER BRIDGE DISCHARGE		<1				5, 3				NURSERY	96
	PA POND DISCHARGE	1000ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM1	18276
11/8/2011	WEEK 2										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1			<0.1			26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	96
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
11/15/2011	WEEK 3						Mark Market				ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1			<0.1			26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	8100
	UNDER BRIDGE DISCHARGE										NURSERY	96
	PA POND DISCHARGE	1000 ml		<1			< 0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
11/29/2011	WEEK 4										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml					<0.1			26.3	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	96
	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	18276
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml					State of the state					

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

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WA-000190-2
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			MONITO	ORING I	PERIOD		
	YEAR	MO	DAY		YEAR	МО	DAY
ком	. 11	9	1	то	11	9	30

NOTE: Read instructions before completing this form.

PARAMETER		QUAN'	TITY OR LOADING			QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UN	IITS	EX	ANALYSIS	TYPE
Elou	SAMPLE MEASUREMENT	26.3	26.3	MCD								Tota
Flow	PERMIT REQUIREMENT	N/A	N/A	MGD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	<99.6	<99.6	Kg/Day								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	- Kg/Day	N/A	N/A	N/A				1/Month	Comp
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N4	L/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0,1	N/A	IVI			2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1	<4.0	4.0		C (1			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	™	G/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT	· · · · · · · · · · · · · · · · · · ·			<0.1	<0.1	<0.1					
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A	1	N/A	N/A	0.2	M	L/L		1/Week	Grab
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT			1 1								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty	of law that this docum	ent and all attachmer in accordance with a	ts were				TEI	LEPHONE		DA.	ΓE
Al Jensen Hatchery Manager, LNFH	designed to assure the information submitted, manage the system, of information, the information, the information, the information, the information, the information, the information, accurate, a	at qualified personnel pro Based on my inquiry or those persons directly nation submitted is, to the and complete. I am awar	operly gather and eval- of the person or person responsible for gethen ne best of my knowler e that there are signific	uate the ons who oring the oldge and oldge and oldge and oldge and oldge	Aul.	1		509	548-7	641	11	9 30
TYPED OR PRINTED	penalties for submitting imprisonment for know	g felse information, inclu	ding the possibility of	fine and		PRINCIPAL EXECUTAUTHORIZED AGEN	TIVE IT	AREA CODE	// NUMBI	ER	YEAR	MO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

OCT

3 2011

6 2011

U.S. EPA REGION 10 OFFICE OF COMPLIANCE AND ENFORCEMENT

PAGE 1 OF

^{*} Grab net over influent.

SUSPENDED **SETTLEABLE** Sept '11 SAMPLE COMP RELEASE RELEASE TOTAL FLOW TSS **NET DIFF** NET SAMPLE WASTE **PONDS IN USE GPM** DATE Location VOLUME SAMPLE MG/L TSS CONC ML/L KG/D SETT. MG/D 9/1/2011 WEEK 1 ADULT POND Reuse <1 INTAKE ICICLE 1000 ml <1 < 0.1 99.6 26.3 10 X 100'S 10080 OUTSIDE SC CANAL DISCHARGE 1000 ml 8 X 80'S 8100 No Water UNDER BRIDGE DISCHARGE <1 NURSERY 96 PA POND DISCHARGE 1000ml < 0.1 Trout Pond / FL'S 0 TOTAL GPM1 18276 9/7/2011 ADULT POND WEEK 2 Reuse INTAKE ICICLE 1000 ml <1 < 0.1 26.3 10 X 100'S 10080 OUTSIDE SC CANAL DISCHARGE 1000ml 8 X 80'S 8100 No Water < 0.1 UNDER BRIDGE DISCHARGE NURSERY 1000ml 96 1000 ml 4 < 0.1 PA POND DISCHARGE Trout Pond / FL'S 0 TOTAL GPM¹ 18276 9/14/2011 WEEK 3 ADULT POND Reuse <1 < 0.1 26.3 INTAKE ICICLE 1000 mł 10 X 100'S 10080 OUTSIDE SC CANAL DISCHARGE 8 X 80'S 8100 UNDER BRIDGE DISCHARGE NURSERY 96 PA POND DISCHARGE 1000 ml <1 < 0.1 Trout Pond / FL'S 0 TOTAL GPM1 18276 9/22/2011 WEEK 4 ADULT POND

< 0.1

No Water

< 0.1

<0.1

Reuse

10080

8100

96

0

18276

26.3

10 X 100'S

NURSERY

Trout Pond / FL'S TOTAL GPM1

8 X 80'S

When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

INTAKE ICICLE

OUTSIDE SC CANAL DISCHARGE

UNDER BRIDGE DISCHARGE

PA POND DISCHARGE

RELEASE/DRAWDOWN ADULT POND

L 8x80 RACEWAYS

10x100 RACEWAYS

COHO FL's

1000 ml

1000ml

1000 ml

1000 ml

1000 ml

1000ml

1000ml

1000 ml

¹This amount includes well water

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	YEAR	MO	DAY		YEAR	MO	DAY					
FROM	11	8	1	то	11	8	31					
				•								

NOTE: Read instructions before completing this form.

Form Approved. OMB No. 2040-0004

PARAMETER		QUAN	NTY OR LOADING			QUALITY OR CON	CENTRATION	140.		FREQUENCY	SAMPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	28	28	MCD							Tota
riow	PERMIT REQUIREMENT	N/A	N/A	MGD	N/A	N/A	N/A			Daily	
Suspended Solids	SAMPLE MEAS UREMENT	<104	<104	Ka (Day							
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A			1/Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	WIL/L		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				4	4.2	4.4	146/			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	MG/I		2/Month	Gra
Settleable Solids	SAMPLE MEASUREMENT	······································			<0.1	<0.1	<0.1	3.41.71			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	ML/L		1/Week	Gral
	SAMPLE MEASUREMENT				************						
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docum						TELEP	HONE	DA	TE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, o information, the inform	t qualified personnet pro Based on my inquiry or those persons directly ation submitted is, to the nd complete. I am awar	opedy gather and evaluation of the person or person responsible for gathen best of my knowled	uate the ins who ring the lige and	Alle	PJ		509 5	48 -7641	11	8 3
TYPED OR PRINTED		false information, inclu				PRINCIPAL EXECU AUTHORIZED AGEI	TIVE	AREA CODE	NUMBER	YEAR	MO D

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

OCT 6 201

U.S. EPA REGION 10 PAGE

^{*} Grab net over influent.

SUSPENDED SETTLEABLE

		7	SUSPER	VULU			SETTLEABLE					,
	Aug `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
8/3/2011	WEEK 1										ADULT POND	1000
	INTAKE ICICLE	1000 ml	<1		<1		<0.1		<104	28	10 X 100'S	10080
ě	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water								8 X 80'S	8100
	UNDER BRIDGE DISCHARGE		<1								NURSERY	0
	PA POND DISCHARGE	1000ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19180
8/10/2011	WEEK 2						1				ADULT POND	1000
	INTAKE ICICLE	1000 ml		<1			<0.1			28	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml		4.1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19180
8/17/2011	WEEK 3		*								ADULT POND	1000
	INTAKE ICICLE	1000 ml		<1			<0.1			28	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	8100
	UNDER BRIDGE DISCHARGE										NURSERY	0
,	PA POND DISCHARGE	1000 ml		4			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19180
8/23/2011	WEEK 4										ADULT POND	1000
	INTAKE ICICLE	1000 ml					<0.1			28	10 X 100'S	10080
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8100
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19180
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml					The second					

When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd Leavenworth, WA 98826

FACILITY

LOCATION Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

WA-000190-2
PERMIT NUMBER

DISCHARGE NUMBER

	MONITORING PERIOD														
	YEAR	МО	DAY		YEAR	МО	DAY								
FROM	11	6	1	то	11	6	30								

NOTE: Read instructions before completing this form.

Form Approved. OMB No. 2040-0004

PAGE 1

PARAMETER		QUANTI	ITY OR LOADING			QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMPL
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	NITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	18	18	MGD								Tota
Flow	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	28	28	Kg/Day								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Ng/Day	N/A	N/A	N/A				1/Month	Comp
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		1L/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	7 "	IL/ L		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1	3.1	4.4	1	1G/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	7 "	IG/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		1L/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	7 "	IL/L		1/Week	Grab
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT							1				
	SAMPLE MEASUREMENT									-		
	PERMIT REQUIREMENT							1				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my d	of law that this documa	nt and all attachment accordance with a	s were		/		TE	LEPHON	E	DA	ГЕ
Al Jensen Hatchery Manager, LNFH	designed to assure the information submitted. manage the system, of information, the information, the information, the information, the information, the information, accurate, a	at qualified personnel prop Based on my inquiry of or those persons directly of nation submitted is, to the and complete. I am aware	perly gather and evalu f the person or perso rasponsibla for gather a best of my knowled that there are significe	ata the ns who ing the ga and ant	1/20/	M, O.	3	509	548-7	641	11	6 30
TYPED OR PRINTED		g felse information, includi			SIGNATURE OF OFFICER OR	PRINCIPAL EXECUTANTH PRINCIPAL EXECUTANTH PRINCIPAL EXECUT	TIVE	AREA CODE	NUM	BER	YEAR	MO DA

CDMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* Grab net over influent.

U.S. EPA REGION 10 OFFICE OF COMPLIANCE AND ENFORCEMENT SUSPENDED SETTLEABLE

	* *		JUSTEN	IDED			SETTELABLE					
	June `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
6/1/2011	WEEK 1										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	1.3		0.4		<0.1		28	18	10 X 100'S	6300
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water								8 X 80'S	6300
	UNDER BRIDGE DISCHARGE	·	1.7								NURSERY	0
	PA POND DISCHARGE	1000ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	12600
6/8/2011	WEEK 2										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		3.8			<0.1			18	10 X 100'S	6300
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	6300
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	12600
6/15/2011	WEEK 3										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		4.4			<0.1			18	10 X 100'S	6300
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	6300
	UNDER BRIDGE DISCHARGE										NURSERY	0
	PA POND DISCHARGE	1000 ml		4.2			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	12600
6/23/2011	WEEK 4										ADULT POND	Reuse
4	INTAKE ICICLE	1000 ml					<0.1			18	10 X 100'S	6300
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	6300
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	0
-	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	12600
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml										

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

NAME

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AND WILDLIFE SERVICE

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FACILITY

LOCATION

Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2

DISCHARGE NUMBER

			MONITO	RING I	PERIOD		
	YEAR	МО	DAY		YEAR	мо	DAY
ROM	11	7	1	то	11	7	31
ROM	11		_ '	10	'''		

NOTE: Read instructions before completing this form.

Form Approved. OMB No. 2040-0004

PARAMETER		QUANT	TTY OR LOADING			QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMPL
FARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UN	IITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	24	26	MGD								Tota
HOW	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	96	96	Ver/Day								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A				1/Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	NA.	L/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	7 //	L/L		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1		74		G/L		-	
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	7 //	G/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT		-		<0.1	<0.1	<0.1	1	. //			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A	-	N/A	N/A	0.2		L/L		1/Week	Grab
	SAMPLE MEASUREMENT						4					
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docume						TEL	EPHONE		DAT	ſΕ
Al Jensen Hatchery Manager, LNFH	designed to assure the information submitted. manage the system, o information, the inform	at qualified parsonnal pro- Based on my inquiry of those persons diractly lation submitted is, to the add complete. I am ewere	perly gether and evalu f tha parson or person responsible for gether e best of my knowled	ate the ns who ing the ge and	Alle	P		509	548-7 >	641	11	7 2
TYPED OR PRINTED		g false information, includ				PRINCIPAL EXECUTAUTHORIZED AGEN		AREA CODE	NUMB	ER	YEAR	MO D.

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

6 2011

U.S. EPA REGION 10 OFFICE OF COMPLIANCE AND ENFORCEMENT

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used.

^{*} Grab net over influent.

July 11 SAMPLE COMP TSS NET DIFF RELEASE NET SAMPLE RELEASE WASTE TOTAL FLOW PONDS IN USE **GPM** SAMPLE KG/D MG/D DATE VOLUME MG/L TSS CONC ML/L SETT. Location WEEK 1 ADULT POND Reuse 7/7/2011 1.2 1.4 < 0.1 96 18 INTAKE ICICLE 1000 ml 10 X 100'S 6300 **OUTSIDE SC CANAL DISCHARGE** 8 X 80'S 6300 1000 ml No Water 2.6 NURSERY UNDER BRIDGE DISCHARGE 0 PA POND DISCHARGE < 0.1 Trout Pond / FL'S 0 1000ml TOTAL GPM¹ 12600 7/14/2011 WEEK 2 ADULT POND Reuse 1000 ml <1 < 0.1 26 10 X 100'S 10080 INTAKE ICICLE OUTSIDE SC CANAL DISCHARGE 1000ml 8 X 80'S 8100 No Water UNDER BRIDGE DISCHARGE 1000ml < 0.1 NURSERY 0 74 < 0.1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000 ml TOTAL GPM1 18180 ADULT POND 7/19/2011 WEEK 3 Reuse 26 INTAKE ICICLE <1 <0.1 10 X 100'S 10080 1000 ml 8 X 80'S 8100 **OUTSIDE SC CANAL DISCHARGE** NURSERY UNDER BRIDGE DISCHARGE 0

SETTLEABLE

< 0.1

< 0.1

No Water

< 0.1

< 0.1

Trout Pond / FL'S

ADULT POND

10 X 100'S

NURSERY

Trout Pond / FL'S

TOTAL GPM¹

8 X 80'S

26

TOTAL GPM1

0

18180

Reuse

10080

8100

0

0

18180

SUSPENDED

<1

"When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

PA POND DISCHARGE

WEEK 4

INTAKE ICICLE

OUTSIDE SC CANAL DISCHARGE

UNDER BRIDGE DISCHARGE

PA POND DISCHARGE

RELEASE/DRAWDOWN
ADULT POND

L 8x80 RACEWAYS

10x100 RACEWAYS

COHO FL's

7/27/2011

1000 ml

1000 ml

1000ml

1000 ml

1000 ml

1000 ml

1000ml

1000ml

1000 ml

¹This amount includes well water

U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

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FACILITY

Leavenworth, WA LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

			MONITO	RING I	PERIOD		
	YEAR	MO	DAY		YEAR	МО	DAY
ROM	11	- 5	1	то	11	5	31

NOTE: Read instructions before completing this form.

PARAMETER		QUAN'	TITY OR LOADING			QUALITY OR CON	CENTRATION		N	O.	QUENCY	SAMP
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	١U	VITS	X AN	IALYSIS	TYP
Flow	SAMPLE MEASUREMENT	17	22.7	MGD								Tota
Flow	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A			1	Daily	
Suspended Solids	• SAMPLE MEASUREMENT	<34	<34	Ka/Day								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A			1/	Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		L/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	7 "		2/1	Month	Gra
Suspended Solids	SAMPLE MEASUREMENT				1.6	2.9	4.2		G/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A] [N/A	N/A	15*	7 171	G/L	2/1	Month	Gra
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		L/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	7 "		1/	Week	Gra
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docum						TE	LEPHONE		DAT	ΓE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted. managa the system, of information, the information, the information, the information, the information, the information, accurate, as	It qualified personnel pro Based on my inquiry It those persons directly ation submitted is, to the nd complete. I am awar	operly gather and evalu of the person or person responsible for gatha ne best of my knowled e that thera are signific	pate the ins who ring the ige and ant	alle	Lino		509	548-764	1	11	5
TYPED OR PRINTED	penalties for submitting imprisonment for knowi	g false information, incluing violations.	ding the possibility of t	ine and		PRINCIPAL EXECU AUTHORIZED AGEN		AREA CODE	NUMBER	Y	EAR I	MO (

* Grab net over influent.

PAGE 1

SETTLEABLE SUSPENDED May `11 RELEASE TOTAL FLOW PONDS IN USE **GPM** SAMPLE COMP TSS NET DIFF NET SAMPLE RELEASE WASTE SAMPLE CONC ML/L SETT. KG/D MG/D VOLUME MG/L TSS CATE Location ADULT POND 5/3/2011 WEEK 1 Reuse 9.1 INTAKE ICICLE 1000 ml <1 <1 < 0.1 <34 10 X 100'S 0 8 X 80'S 6300 OUTSIDE SC CANAL DISCHARGE 1000 ml No Water UNDER BRIDGE DISCHARGE <1 NURSERY 0 0 < 0.1 Trout Pond / FL'S PA POND DISCHARGE 1000ml TOTAL GPM¹ 6300 ADULT POND 5/11/2011 WEEK 2 Reuse 2.6 < 0.1 22.7 10 X 100'S 6300 INTAKE ICICLE 1000 ml OUTSIDE SC CANAL DISCHARGE 1000ml 8 X 80'S 9450 No Water < 0.1 NURSERY 0 UNDER BRIDGE DISCHARGE 1000ml 1.6 < 0.1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000 ml TOTAL GPM1 15750 ADULT POND Reuse 5/19/2011 WEEK 3 3.4 < 0.1 18.1 10 X 100'S 6300 INTAKE ICICLE 1000 ml **OUTSIDE SC CANAL DISCHARGE** 8 X 80'S 6300 NURSERY 0 UNDER BRIDGE DISCHARGE 4.2 < 0.1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000 ml TOTAL GPM1 12600 ADULT POND Reuse 5/26/2011 WEEK 4 18.1 < 0.1 10 X 100'S 6300 INTAKE ICICLE 1000 ml 8 X 80'S 6300 OUTSIDE SC CANAL DISCHARGE 1000ml No Water NURSERY 1000 ml 0 UNDER BRIDGE DISCHARGE < 0.1 Trout Pond / FL'S 0 < 0.1 PA POND DISCHARGE 1000 ml TOTAL GPM1 12600 RELEASE/DRAWDOWN ADULT POND 1000 ml 1000ml L 8x80 RACEWAYS

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

10x100 RACEWAYS

COHO FL's

1000ml

1000 ml

¹This amount includes well water

PERMITTEE NAME/ADDRESS (Include Focility Name/Location II Different)

NAME

U.S. DEPT, OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd

Leavenworth, WA 98826

FACILITY LOCATION

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2
PERMIT NUMBER

DISCHARGE NUMBER

[MONITORING PERIOD													
[YEAR	MO	DAY		YEAR	МО	DAY							
FROM	11	4	1	то	11	4	30							

NOTE: Read instructions before completing this form.

PARAMETER		QUANT	ITY OR LOADING			QUALITY OR CON	CENTRATION		NO.	FREQUENCY	SAMPL
FAIVAINE) EN		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	18.25	29.7	MGD							Tota
riow	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A			Daily	
Suspended Solids	SAMPLE MEASUREMENT	112	112	Ka/Day							
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A			1/Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0,1	N/A	7 ////		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1	<1.6	1.6	MG/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	- WIG/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N4: ()			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	ML/L		1/Week	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this documa						TELEPHON	łΕ	DA	ΓE
Al Jensen Hatchery Manager, LNFH	designed to assure the information submitted manage the system, of information, the information, the information, the information, the information, the information, accurate, and information in the infor	at qualified personnel prop Based on my inquiry of those persons directly nation submitted is, to the and complete. I am aware	perly gather and evalu f the person or perso responsible for gather a best of my knowled that there are significa	ate tha ns who ing the ge and ant	MC	Tena		509 548-	7641	11	4 2
TYPED OR PRINTED		g falsa information, includ			SIGNATURE OF OFFICER OR	PRINCIPAL EXECUTATION AGEN		COBE NUM	BER	YEAR	MO D

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

JUL 1 3 2011

U.S. EVA REGION 10

PAGE 1 OF 1

^{*} Grab net over influent.

SUSPENDED SETTLEABLE Apr. '11 RELEASE WASTE TOTAL FLOW PONDS IN USE **GPM** SAMPLE COMP TSS NET DIFF NET SAMPLE RELEASE KG/D MG/D DATE Location VOLUME SAMPLE MG/L TSS CONC ML/L SETT. ADULT POND 4/5/2011 WEEK 1 Reuse 1.4 0 29.7 < 0.1 112 10 X 100'S 11900 INTAKE ICICLE 1000 ml OUTSIDE SC CANAL DISCHARGE 8 X 80'S 8700 1000 ml No Water 1.4 NURSERY 0 UNDER BRIDGE DISCHARGE < 0.1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000ml TOTAL GPM¹ 20600 ADULT POND 4/14/2011 WEEK 2 Reuse 29.7 <1 <0.1 10 X 100'S 11900 INTAKE ICICLE 1000 ml 8 X 80'S 8700 OUTSIDE SC CANAL DISCHARGE 1000ml No Water UNDER BRIDGE DISCHARGE < 0.1 NURSERY 0 1000ml PA POND DISCHARGE 1000 ml 1.6 < 0.1 Trout Pond / FL'S 0 TOTAL GPM1 20600 ADULT POND 0 4/21/2011 WEEK 3 INTAKE ICICLE 1000 ml <1 < 0.1 4.5 10 X 100'S 0 8 X 80'S 3150 **OUTSIDE SC CANAL DISCHARGE** UNDER BRIDGE DISCHARGE NURSERY 0 <1 < 0.1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000 ml TOTAL GPM1 3150 ADULT POND 4/27/2011 WEEK 4 0 9.1 <1 < 0.1 10 X 100'S 0 INTAKE ICICLE 1000 ml 8 X 80'S 6300 **OUTSIDE SC CANAL DISCHARGE** 1000ml No Water NURSERY 0 UNDER BRIDGE DISCHARGE 1000 ml <1 < 0.1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000 ml TOTAL GPM1 6300 RELEASE/DRAWDOWN ADULT POND 1000 ml L 8x80 RACEWAYS 1000ml 10x100 RACEWAYS 1000ml

*When values are preceeded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

COHO FL's

1000 ml

¹This amount includes well water

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PERMIT NUMBER

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	MONITORING PERIOD													
	YEAR	МО	DAY		YEAR	МО	DAY							
FROM	11	3	1	то	11	3	31							

NOTE: Read instructions before completing this form.

Form Approved.

OMB No. 2040-0004

PARAMETER		QUANT	TY OR LOADING			QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMPL
ANAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UN	IITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	29.2	29.4	MGD								Tota
TIOW	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A				Daily	
Suspended Solids Non-Cleaning	SAMPLE MEASUREMENT	<111	<111	Kg/Day								
Total Discharge	PERMIT REQUIREMENT	704	921	Ng/Day	N/A	N/A	N/A				1/Month	Comp
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		L/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	7 101	L/L		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1	<1	<1		G/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	1410/2	G/L		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L				
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	- M	L/L		1/Week	Grab
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docume				•		TEI	.EPHON	E	DA	ΓE
Al Jensen Hatchery Manager, LNFH	designed to assure the information submitted manage the system, information, the information, true, eccurate, and true, eccurate, eccura	at qualified personnel prop Based on my inquiry of or those persons directly nation submitted is, to the and complete. I am aware	perly gather and evalue the person or person responsible for gather be best of my knowled that there are significa	ate the ins who ling the ge and int	alle	Jenn		509	548-7641		11	3 3
TYPED OR PRINTED	penalties for submittin imprisonment for know	g false information, includ	ing the possibility of fi	ne and	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				NUMBER		YEAR	MO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* Grab net over influent.

APR | | 2011

U.S. EPA REGION 10 OFFICE OF COMPLIANCE AND ENFORCEMEN!

PAGE 1 OF

4.			SUSPEI	NDED			SETTLEABLE					
	Mar. `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
3/3/2011	WEEK 1										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	<1		<1		<0.1		<111	29.4	10 X 100'S	11900
2	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water								8 X 80'S	5550
	UNDER BRIDGE DISCHARGE		<1								NURSERY	2975
	PA POND DISCHARGE	1000ml		All Saint			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	20425
3/9/2011	WEEK 2										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1			i.0>			29.4	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	5550
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	2975
-	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	20425
3/15/2011	WEEK 3										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1			<0.1			29.4	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	5550
	UNDER BRIDGE DISCHARGE										NURSERY	2975
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM1	20425
3/22/2011	WEEK 4										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml					<0.1			28.9	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	8175
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
				1 September 1							TOTAL GPM ¹	20075
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
										T		

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

COHO FL's

1000 ml

¹This amount includes well water

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd

Leavenworth, WA 98826

FACILITY

LOCATION Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2

PERMIT NUMBER DISCHARGE NUMBER

	MONITORING PERIOD														
	YEAR	МО	DAY		YEAR	МО	DAY								
FROM	11	2	1	то	11	2	28								
,															

NOTE: Read instructions before completing this form.

PARAMETER		QUANT	TY OR LOADING		(QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMP
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	l	INITS	EX	ANALYSIS	TYP
Flow	SAMPLE MEASUREMENT	29	29.4	MGD								Tot
Tiow	PERMIT REQUIREMENT	N/A	N/A	MOD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	<108	<108	Kg/Day								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Ng/Day	N/A	N/A	N/A				1/Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		ΛL/L			
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A] '	VIL/ L		2/Month	Gra
Suspended Solids	SAMPLE MEASUREMENT				<1	<1	<1		ΛG/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*] "	/IG/L		2/Month	Gra
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		ΛL/L			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2		VIL/L		1/Week	Gra
	SAMPLE MEASUREMENT				MEC	EIV	同り		7			
	PERMIT REQUIREMENT]	131							
	SAMPLE MEASUREMENT				U APF	2011						
	PERMIT REQUIREMENT			1	110	EPA RECION 10		7				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		of law that this docume			OFFICE OF COM		ORCEMENT	TI	ELEPHON	E	DA	TE
Al Jensen Hatchery Manager, LNFH	designed to assure the information submitted. manage the system, of information, the inform belief, true, accurate, a	at qualified personnel prop Based on my inquiry of or those persons directly a lation submittad is, to the and complete. I am aware	erly gather and evaluation to person or person esponsible for gathe best of my knowled that there are signific.	uate the ons who ring the dge and ant	All	1/		509	548-7	641	11	2
TYPED OR PRINTED	penaities for submitting Imprisonment for know	g faise information, including violations.	ing the possibility of f	ine and	SIGNATURE OF I		AREA CODE			YEAR	мо г	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

*			SUSPEN	IDED			SETTLEABLE					
	Feb. `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
2/3/2011	WEEK 1										ADULT POND	Reuse
77	INTAKE ICICLE	1000 ml	<1		<1		<0.1		<108	28.6	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water								8 X 80'S	5550
	UNDER BRIDGE DISCHARGE		<1								NURSERY	2380
	PA POND DISCHARGE	1000ml					<0.1				Trout Pond / FL'S	0
				1							TOTAL GPM ¹	19830
2/8/2011	WEEK 2										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1			<0.1			28.6	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	5550
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	2380
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19830
2/15/2011	WEEK 3										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		1.8			<0.1			29.4	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	5550
	UNDER BRIDGE DISCHARGE										NURSERY	2975
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	20425
2/23/2011	WEEK 4										ADULT POND	REUSE
	INTAKE ICICLE	1000 ml					<0.1	-		29.4	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	5550
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	2975
	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	20425
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml										

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd Leavenworth, WA 98826

FACILITY

LOCATION Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2

PERMIT NUMBER

DISCHARGE NUMBER

			MONITO	RING I	PERIOD		
	YEAR	МО	DAY		YEAR	MO	DAY
FROM	11	1	1	то	11	1	31

NOTE: Read instructions before completing this form.

PARAMETER		QUANT	TITY OR LOADING		(QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMP
CODAWETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	NITS	EX	ANALYSIS	TYP
Flow	SAMPLE MEASUREMENT	28.6	28.6	MGD								Tot
Flow	PERMIT REQUIREMENT	N/A	N/A	MIGD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	<108	<108	Va/Day								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A				1/Month	Com
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		/IL/L	7		
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A	- N	/IL/L		2/Month	Gra
Suspended Solids	SAMPLE MEASUREMENT				1	1.5	2	1.	467			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A	1	N/A	N/A	15*	7 "	1G/L		2/Month	Gra
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		41.71			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	ML/L			1/Week	Gral
	SAMPLE MEASUREMENT		NE	CEI								
	PERMIT REQUIREMENT		1/1		VEN							
	SAMPLE MEASUREMENT		A	PR 1 12	nii U							
	PERMIT REQUIREMENT							7				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di	of law that this docume	ent and all attachmen n accordance with a	S EPA MEGIO!	N 10 D ENFORCEMENT	· · · · · · · · · · · · · · · · · · ·		TE	LEPHON	E	DA*	ΓE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manege the system, o information, the inform	at qualified personnel pro Based on my inquiry of those persons directly lation submitted is, to the addition submitted is, to the addition submitted is, to the	perly gather and evaluation or person or person responsible for gathan a bast of my knowled	uate the ns who ring the Ige and	Mel	1		509	548-7	641	11	1 3
TYPED OR PRINTED		false information, includ	alse information, including the possibility of fine and			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				NUMBER		MO D.

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

			SUSPEN	IDED			SETTLEABLE					
	Jan. `11	SAMPLE	COMP	TSS	NET DIFF	RELEASE	NET SAMPLE	RELEASE	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE		MG/L	TSS	CONC ML/L	SETT.	KG/D	MG/D		
1/5/2011	WEEK 1										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	<1	7	<1		<0.1		<108	28.6	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water								8 X 80'S	5550
	UNDER BRIDGE DISCHARGE		<1								NURSERY	2380
	PA POND DISCHARGE	1000ml					<0.1				Trout Pond / FL'S	0
				17							TOTAL GPM ¹	19830
1/11/2011	WEEK 2										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		4			<0.1			28.6	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	5550
	UNDER BRIDGE DISCHARGE	1000ml					<0.1				NURSERY	2380
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
							22				TOTAL GPM ¹	19830
1/20/2011	WEEK 3										ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		2			<0.1			28.6	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE										8 X 80'S	5550
	UNDER BRIDGE DISCHARGE										NURSERY	2380
	PA POND DISCHARGE	1000 ml		<1			<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19830
1/26/2011	WEEK 4										ADULT POND	off
	INTAKE ICICLE	1000 ml					<0.1			28.6	10 X 100'S	11900
	OUTSIDE SC CANAL DISCHARGE	1000ml					No Water				8 X 80'S	5550
	UNDER BRIDGE DISCHARGE	1000 ml					<0.1				NURSERY	2380
	PA POND DISCHARGE	1000 ml					<0.1				Trout Pond / FL'S	0
											TOTAL GPM ¹	19830
	RELEASE/DRAWDOWN											
	ADULT POND	1000 ml										
	L 8x80 RACEWAYS	1000ml										
	10x100 RACEWAYS	1000ml										
	COHO FL's	1000 ml										

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

¹This amount includes well water

DATE: 04/18/11 PCS LIMITATIONS SUMMARY REPORT PAGE

LIMITATION SUMMARY (LS) REPORT FOR SELECTED FACILITIES ************************

*** FACILITY DATA ***

PERMIT NUMBER: WA0001902

PAGE: 1

FACILITY NAME: INTERIOR, FISH & WILDLIFE

MAJOR/MINOR : MINOR

SIC CODE : FISH HATCHERIES AND PRESERVES

: LEAVENWORTH CITY

ACTIVITY STATUS: ACTIVE

TYPE OWNERSHIP : FEDERAL

PERMIT ISSUED : 12/30/74 RIVER BASIN : PN/COLUMBIA R-UPPER

COUNTY

: CHELAN REGION : 10 SUB-REGION: 07

PERMIT EXPIRES: 08/31/79 COGN. OFFICIAL: DAN DAVIES, HATCHERY MANAGER

*** OUTFALL DATA ***

OUT-OUTFALL FALL DESCRIPTION ACTIVITY REPORTS REPORT TOTAL INITIAL LIMITS STATUS START

FREQ

RPTS START

INTERIM LIMITS START

FINAL LIMITS START END

PERMIT: WA0001902 CONTAINS NO EFFLUENT DATA